REMARKS

Claims 43-161 are pending in this application all of which are subject to a restriction requirement. Claims 43-151 have been withdrawn from consideration. Applicants have amended the specification merely to correct a typographical error in the clause in paragraph [0002] relating to the rights of the U.S. Government in the invention. No new matter has been introduced with the amendment to the specification.

Further, in an Office Action dated June 6, 2008, the Office restricted the claims into four groups:

Group I: Claims 43-63, 70-98, and 128-143 (drawn to a method of treatment);

Group II: Claims 64-69 and 99-127 (drawn to a pharmaceutical composition);

Group III: Claims 144-151 (drawn to a method of screening compounds); and

Group IV: Claims 152-161 (drawn to a method of inhibiting adenylyl cyclase of a parasite).

Applicants hereby elect, without traverse, the claims of Group IV, claims 152-161, drawn to a method of inhibiting adenylyl cyclase. Applicants expressly reserve the right to prosecute the subject matter of the non-elected claims in one or more continuation or divisional applications.

In the Office Action the Examiner also requires the election of a single species if either one of the claims of Group I or Group II are elected. Considering applicants election of the claims in Group IV, the requirement of electing an alleged species is therefore moot.

If, in the opinion of the Examiner, a telephone conference would advance the prosecution of the Application, the Examiner is invited to telephone the undersigned attorney. It is respectfully submitted that the pending claims are now allowable and an early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

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